



GP 1633

PATENT

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : D'Apice et al. Art Unit: 1633  
Serial No.: 08/984,900 Examiner: Chen, S.  
Filed : December 4, 1997  
Title : MATERIALS AND METHODS FOR MANAGEMENT OF HYPERACUTE  
REJECTION IN HUMAN XENOTRANSPLANTATION

Assistant Commissioner for Patents  
Washington, DC 20231

SUPPLEMENTAL AMENDMENT

Please amend the application as follows:

In the claims:

Please amend claim 67 as follows:

67. A porcine cell comprising at least one  
[inactivated] disrupted  $\alpha$ -1,3 galactosyltransferase gene.

Add new claims 68-72.

--68. The porcine cell of claim 67, wherein the  
disruption is by the insertion of an exogenous sequence into said  
gene such that the disrupt. prevents expression of functional  
 $\alpha$ -1,3 galactosyltransferase.

69. The porcine cell of claim 68, wherein said  
disruption is within exon 4, exon 7, exon 8, or exon 9 of the  
porcine  $\alpha$ -1,3 galactosyltransferase gene.

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